

Mathematical Biosciences

an international journal

Volume 134

YU. A. KUZNETSOV (Pushchino, Moscow Region, Russia) AND S. RINALDI (Milano, Italy)	
Remarks on Food Chain Dynamics	1
CLAIRE D. SHERMAN AND CHRISTOPHER J. PORTIER (Research Triangle Park, North Carolina)	
Stochastic Simulation of a Multistage Model of Carcinogenesis	35
CLAUDE LEFÈVRE (Bruxelles Belgique), AND PHILIPPE PICARD (Villeurbanne, France)	
Collective Epidemic Models	51
VINCENT FERRETTI AND DAVID SANKOFF (Montréal, Québec, Canada)	
A Remarkable Nonlinear Invariant for Evolution with Heterogeneous Rates	71
GERHARD C. CRUYWAGEN (Cape Town, South Africa)	
A Sex-Structured Delayed Recruitment Model	85
LETTER TO THE EDITOR	113
REPLY TO LETTER TO THE EDITOR	117
MATS GYLLENBERG (Turku, Finland), ILKKA HANSKI (Helsinki, Finland), AND TORSTEN LINDSTRÖM (Örebro, Sweden)	
A Predator-Prey Model with Optimal Suppression of Reproduction in the Prey	119
MICHEL LOREAU (Paris, France)	
Coexistence of Multiple Food Chains in a Heterogeneous Environment: Interactions Among Community Structure, Ecosystem Functioning, and Nutrient Dynamics	153
JOSEPH T. CHANG (New Haven, Connecticut)	
Inconsistency of Evolutionary Tree Topology Reconstruction Methods When Substitution Rates Vary Across Characters	189
ANNOUNCEMENT	217
VOLUME CONTENTS	